

WHAT IS CLAIMED IS:

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1. A case member mounting structure characterized in that at least one projecting portion is formed on one or both of an inner surface of a case member and an outer wall surface of a device body to contact said inner wall surface of said case member having an outer circumferential portion fastened to said device body by a plurality of fastening means and to contact said outer wall surface of said device body on which said case member is to be fastened, and a seal member is provided on a contact surface at a distal end of said projecting portion.
 2. A case member mounting structure according to claim 1 wherein said seal member is a liquid seal member coated on at least one of contact surfaces at distal ends of said projecting portions.
 3. A case member mounting structure according to claim 1 wherein said seal member is a resilient seal member which is brought into engagement with an engaging portion provided in at least one of contact surfaces at distal ends of said projecting portions.
 4. A case member mounting structure according to claim 1 wherein said contact surfaces of said distal ends of said projecting portions lie on a common plane to said outer wall surface of said device body, or to said inner wall surface of said case member to be fastened to said device body.
 5. A case member mounting structure according to claim 1 wherein said contact surfaces of the distal ends of said projecting portions lie on a plane different from the plane of said outer wall surface of said device body, or from the plane of said inner wall surface of said case member to be fastened to said device body.
 6. A case member mounting structure according to claim 1 wherein at least one projecting portion projects from one of said inner surface of said case member and said outer wall surface of said device body toward the other.
 7. A case member mounting structure according to claim 1 wherein a surface of said case member is partitioned into polygonal sections, and respective said polygonal sections define depressed planes and projecting planes bordered by respective sides of the polygons.

8. A case member mounting structure characterized in that at least one projecting portion is formed on one or both of an inner surface of a case member for covering a driving force transmission mechanism and an outer wall surface of a body of an internal combustion engine to contact said inner wall surface of said case member having an outer circumferential portion fastened to said body by a plurality of fastening means and to contact said outer wall surface of said body on which said case member is to be fastened, and a seal member is provided on a contact surface at a distal end of said projecting portion.

9. A case member mounting structure according to claim 8 wherein said seal member is a liquid seal member coated on at least one of contact surfaces at distal ends of said projecting portions.

10. A case member mounting structure according to claim 8 wherein said seal member is a resilient seal member which is brought into engagement with an engaging portion provided in at least one of contact surfaces at distal ends of said projecting portions.

11. A case member mounting structure according to claim 8 wherein said contact surfaces of said distal ends of said projecting portions lie on a common plane to said outer wall surface of said device body, or to said inner wall surface of said case member to be fastened to said device body.

12. A case member mounting structure according to claim 8 wherein said contact surfaces of said distal ends of said projecting portions lie on a common plane to said outer wall surface of said body, or to said inner wall surface of said case member to be fastened to said body.

13. A case member mounting structure according to claim 8 wherein said contact surfaces of the distal ends of said projecting portions lie on a plane different from the plane of said outer wall surface of said body, or from the plane of said inner wall surface of said case member to be fastened to said body.

14. A case member mounting structure according to claim 8 wherein at least one projecting portion projects from one of said inner surface of said case member and said outer wall surface of said body toward the other.

Figure 1 consists of 12 diagrams, labeled (a) through (l), arranged vertically. Each diagram shows a cross-section of a building under construction. The diagrams illustrate the following steps: (a) A single vertical column. (b) A second column added to the right. (c) A third column added to the right. (d) A fourth column added to the right. (e) A fifth column added to the right. (f) A sixth column added to the right. (g) A seventh column added to the right. (h) An eighth column added to the right. (i) A ninth column added to the right. (j) A tenth column added to the right. (k) An eleventh column added to the right. (l) A twelfth column added to the right, completing the 12-story building. The diagrams show the progressive addition of floors and structural elements, starting from a single column and ending with a fully completed 12-story structure.

15. A case member mounting structure according to claim 1 wherein at least one of said projecting portions has a lubricant oil inlet hole.
16. A case member mounting structure having a plurality of fastening bolt bosses formed along an outer circumference of said case member for applying a plurality of fastening bolts, respectively, such that said case member is attached to a device body of an internal combustion engine with said fastening bolts, characterized in that the surface of said case member is partitioned into polygonal sections, and respective said polygonal sections define depressed planes and projecting planes bordered by respective sides of the polygons.
17. A case member mounting structure according to claim 1 wherein said fastening bolt bosses are located on extension surfaces of respective sides of the polygons.
18. A case member mounting structure according to claim 1 wherein said case member has ribs at the same positions of on inner surfaces thereof, and said ribs partition said inner surfaces of said case member into polygonal sections.
19. A case member mounting structure according to claim 1 wherein said seal member is of the same type as a seal member applied to said outer circumference with which said case member and said body or said body of an internal combustion engine are joined together.
20. A case member for covering a driving force transmission mechanism of an internal combustion engine characterized in that a maintenance cover is provided to be detachably mounted to said driving force transmission mechanism and that a harness of a sensor attached to said case member is integral with said maintenance cover.
21. A case member according to claim 20 wherein a holding portion of said maintenance cover is formed along a surface which extends from an outer circumferential portion of said maintenance cover toward a side surface of said cover.
22. A case member according to claim 20 wherein said case member has a detecting sensor for detecting rotation of a rotary shaft.

~~said sensor being mounted to orient toward a mounting position of
said maintenance cover to said case member of said driving force
transmission mechanism, and said harness of said detecting sensor
being mounted on said hold portion.~~

23. A case member according to claim 20 wherein at least one bolt hole for mounting said maintenance cover to said case member of said driving force transmission mechanism also functions as a bolt hole, said maintenance cover and said case member being fastened together to said internal combustion engine with a bolt brought into threading engagement with said body of the internal combustion engine through said maintenance cover and said case member.

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